

Title (en)

PROCESS AND DEVICE FOR CONTACTING THE WINDING WIRE OF A COIL

Title (de)

VERFAHREN UND VORRICHTUNG ZUM KONTAKTIEREN DES WICKLUNGSDRAHTES EINER SPULE

Title (fr)

PROCEDE ET DISPOSITIF D'ETABLISSEMENT DU CONTACT POUR LE FIL D'ENROULEMENT D'UNE BOBINE

Publication

**EP 0789923 B1 19980617 (DE)**

Application

**EP 95935844 A 19951103**

Priority

- DE 9501527 W 19951103
- DE 4439391 A 19941104
- DE 19538231 A 19951013

Abstract (en)

[origin: WO9614647A1] A connecting pin (10) of a coil, on the end section (11) of which is wound an end section (12) of a multi-turn winding, is first given a drop of fluxless soft solder (14) and then arranged near the points of two opposite electrodes (2, 3). An arc of given power and duration is then applied between the electrodes causing the soft solder (14) to melt and secure the winding wire (12) to the connecting pin (10). It is thus possible to solder the winding end without flux and with only a slight heat stress on the coil body (8) and the connecting pin (10).

IPC 1-7

**H01F 41/10**; **B23K 1/00**; **H01R 4/02**

IPC 8 full level

**B23K 1/00** (2006.01); **B23K 3/06** (2006.01); **H01F 41/10** (2006.01); **H01R 4/02** (2006.01); **H01R 43/02** (2006.01)

CPC (source: EP US)

**B23K 1/0008** (2013.01 - EP US); **H01F 41/10** (2013.01 - EP US); **H01R 4/023** (2013.01 - EP US); **H01R 43/0242** (2013.01 - EP US); **B23K 2101/38** (2018.07 - EP US)

Designated contracting state (EPC)

CH DE ES FR GB IT LI

DOCDB simple family (publication)

**WO 9614647 A1 19960517**; CZ 132297 A3 19981111; DE 59502618 D1 19980723; EP 0789923 A1 19970820; EP 0789923 B1 19980617; ES 2118632 T3 19980916; JP H10508432 A 19980818; US 5908568 A 19990601

DOCDB simple family (application)

**DE 9501527 W 19951103**; CZ 132297 A 19951103; DE 59502618 T 19951103; EP 95935844 A 19951103; ES 95935844 T 19951103; JP 51495496 A 19951103; US 83653197 A 19970502